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Atty. Docket No.: H0004785 (1100.1206101) Serial No.: 10/672,894

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT Applicant: Ulrich Bonne et al.

Filing Date:
September 26, 2003

Group Art: unknown 285%

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	
H	4,324,566	04/1982	Jacob et al.	
	5,196,039	03/19913	Phillips et al.	
1	5,442,175	08/1995	Dawson	
	6,131,440	10/2000	Bertrand	
18	6,413,781	07/2002	Geis et al.	

FOREIGN PATENT DOCUMENTS

	Examiner Initial	Document No.	Date	. Country	Translation Yes No
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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APPLICANT'S INFORMATION

DISCLOSURE STATEMENT

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APR 3 0 2004 LIST OF PATENTS AND PUBLICATIONS FOR

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Filing Date:

Group Art:

September 26, 2003

unknown 2856

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	3,146,616	09/1964	Loyd			
	3,557,532	01/1971	Broerman			
1	3,783,356	01/1974	Lide, III et al.			
+	4,043,196	08/1977	Trageser	,		
11	4,228,815	10/1980	Juffa et al.			
1 1	4,478,076	10/1984	Bohrer			
	4,483,200	11/1984	Togawa et al.			
1	4,507,974	04/1985	Yelderman .	-		
	4,576,050	03/1986	Lambert			
 	4,735,082	04/1988	Kolloff			
 	4,759,210	07/1988	Wohltjen			
 	4,909,078	03/1990	Sittler et al.			
	4,944,035	07/1990	Aagardl Roger L., et al.			
1	5,031,126	07/1991	McCulloch et al.			
 	5,044,766	09/1991	Stuart	, , , , ,		
 	5,056,047	10/1991	Sondergeld			
 	5,146,414	09/1992	McKown et al.			
 	5,243,858	09/1993	Erskine et al.			<u> </u>
 	5,263,380	11/1993	Sultan et al.			
 	5,268,302	12/1993	Rounbehler et al.			
	5,379,630	01/1995	Lacey			:
	5,463,899	11/1995	Zemel et al.			
	5,533,412	07/1996	Jerman et al.			
	5,587,520	12/1996	Rhodes			
 	5,922,974	07/1999	Davidson et al.			
n/ 	6,016,027	01/2000	DeTemple et al.			

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I IST OF PATENTS AND PLIBITORS FOR	Applicant: Ulrich Bonne et al.	

APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Filing Date:	Group Art:
September 26, 2003	unknown 2816

Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
6,139,384	10/2000	DeTemple et al.			
6,178,811	01/2001	Bonne et al.			
6,194,833	02/2001	DeTemple et al.	-		
6,308,553	10/2001	Bonne et al.			
6,393,894	05/2002	Bonne et al.			
6,494,617	12/2002	Stokes et al.			
	6,178,811 6,194,833 6,308,553 6,393,894	6,139,384 10/2000 6,178,811 01/2001 6,194,833 02/2001 6,308,553 10/2001 6,393,894 05/2002	6,139,384 10/2000 DeTemple et al. 6,178,811 01/2001 Bonne et al. 6,194,833 02/2001 DeTemple et al. 6,308,553 10/2001 Bonne et al. 6,393,894 05/2002 Bonne et al.	6,139,384 10/2000 DeTemple et al. 6,178,811 01/2001 Bonne et al. 6,194,833 02/2001 DeTemple et al. 6,308,553 10/2001 Bonne et al. 6,393,894 05/2002 Bonne et al.	6,139,384 10/2000 DeTemple et al. 6,178,811 01/2001 Bonne et al. 6,194,833 02/2001 DeTemple et al. 6,308,553 10/2001 Bonne et al. 6,393,894 05/2002 Bonne et al.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No
W	DE 196 19 133 A1	11/13/97	Germany	Abstract
	DE 2 934 566 A1	03/19/81	Germany	Abstract
	DE 32 34 146 A1	03/15/84	Germany	Abstract
	-DE 42 22 458 A1	01/13/94	Germany	Abstract
	DE 42 43 573 A1	06/23/94	Germany	Abstract
	DE 296 07 315 U1	09/26/96	Germany	Abstract
	CEP 0 232 719 A1	01/10/87	Europe	Abstract
	·EP 0 348 245 A2	12/27/89	Europe	
	-EP 0 364 982 A2	04/25/90	Europe	
	EP 0 419 873 A2	08/29/90	Europe	
	EP 0 468 793 A2	01/29/92	Europe	
	'EP 0 702 212 A2	03/20/96	Europe	
	rEP 0 773 432 A2	05/14/97	Europe	Abstract
\/	GB 2 287 792 A	09/1995	United Kingdom	
	(56-153256	11/1981	Japan	Abstract
1	- 57-131029	08/1982	Japan	Abstract

FORM PTO-1449 Page 3 of 4	Atty. Docket No.: H0004785(1100.1206101)	Serial No.: 10/672,894
LIST OF PATENTS AND PUBLICATIONS FOR	Applicant: Ulrich Bonne e	t al.
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Filing Date:	Group Art:

Examiner Initial	Document No.	Date	Country	Translation Yes No
XI	57-206830	12/1982	Japan	Abstract
T	WO 92/06369	04/1992	PCT	,
N.	-WO 94/20825	09/1994	PCT	
	WO 98/22793	05/1998	PCT	
41.	<u> </u>			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Tatalla et al. Measurement of Thermal Properties of Liquids with an AC Heated-Wire Technique", Interational Journal of Thermophysics, Vol. 2, No. 2, 1981. Bonne et al., "Industrial Wireless PHASED Sensor Phase 1. Feasibility Demonstration," Progress Report for 4th Quarter of 2002, pp. 1-17, January 31, 2002. Bonne, et al., "PHASED: a Faster, Smarter and More Affordable Gas Analysis Device," 16th International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp 1-17. Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12. Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan. 'Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001. DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. http://www.advanced-polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. http://www.zoex.com/html/technote kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna, pages 1-34, September 9, 1999		Atalla et al., "Radiation Effects with the AC Heated Strip Technique for the Measurement of Thermal Properties of Liquids", High Temperatures - High Pressures, Vol. 17, pages 447-452, 1985.
Report for 4th Quarter of 2002, pp. 1-17, January 31, 2002. (Bonne, et al., "PHASED: a Faster, Smarter and More Affordable Gas Analysis Device," 16th International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp 1-17. Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12. Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan. (Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001. DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. http://www.advanced-pages.printed December 26, 2002. http://www.advanced-pages.printed December 26, 2002. http://www.zoex.com/html/technote kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,	UII	'Atalla et al."Measurement of Thermal Properties of Liquids with an AC Heated-Wire Technique", Interational Journal of Thermophysics, Vol. 2, No. 2, 1981.
International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp 1-17. Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12. Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan. 'Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001. 'DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf, 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0, NexTrieve document view, 2 pages, printed December 26, 2002. 'http://www.zoex.com/html/technote_kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Bonne et al., "Industrial Wireless PHASED Sensor Phase 1. Feasibility Demonstration," Progress Report for 4th Quarter of 2002, pp. 1-17, January 31, 2002.
Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12. Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan. 'Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001. DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0, NexTrieve document view, 2 pages, printed December 26, 2002. http://www.zoex.com/html/technote kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp. 1-
Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan. 'Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001. 'DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. 'Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0, NexTrieve document view, 2 pages, printed December 26, 2002. 'http://www.zoex.com/html/technote kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12.
DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf , 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0 , NexTrieve document view, 2 pages, printed December 26, 2002. http://www.zoex.com/html/technote_kt030505-1.html , Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan.
DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989). Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf , 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0 , NexTrieve document view, 2 pages, printed December 26, 2002. http://www.zoex.com/html/technote_kt030505-1.html , Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001.
Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf, 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0, NexTrieve_document_view, 2 pages, printed December 26, 2002. http://www.zoex.com/html/technote_kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		DiplIng. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik". Expert Verlag Grafenau
Solution and Film Properties, Advanced Products for IC Fabrication, 1 page. http://www.advanced- polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0, NexTrieve document view, 2 pages, printed December 26, 2002. http://www.zoex.com/html/technote_kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989).
polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page. *http://www.chrompack.com/cgi/applicsview?ap=A00607&Go=G0, NexTrieve document view, 2 pages, printed December 26, 2002. *http://www.zoex.com/html/technote_kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page.
http://www.zoex.com/html/technote_kt030505-1.html, Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		polymers.com/star center/techincal papers/reduction in effective dielectric constant.pdf, 1 page.
Che," 5 pages, printed March 15, 2004. International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages. Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		pages, printed December 26, 2002.
Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna,		Che," 5 pages, printed March 15, 2004.
Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna, pages 1-34, September 9, 1999	A	International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages.
	8	Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna, pages 1-34, September 9, 1999

FORM PTO-1449 Page 4 of 4	Atty. Docket No.: H0004785(1100.1206101)	Serial No.: 10/672,894
LIST OF PATENTS AND PUBLICATIONS FOR	Applicant: Ulrich Bonne et	al.
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Filing Date: September 26, 2003	Group Art: unknown

JA "	Kindlund et al., "Quartz Crystal Gas Monitor With Gas Concentrating Stage," Sensors and Actuators, 6 (1984) pp.1-17.
	NexTrieve document view, http://www.chrompack.com/cgi/applicsview?ap=A00764, 2 pages.
V	Park, et al., "Microdischarge Arrays: A New Family of Photonic Devices (Revised)," IEEE Journal on Selected Topics in Quantum Electronics, Vol. 8, No. 2, pp. 387-394, March/April 2002.
	Park, et al., "Photodetection in the visible, ultraviolet, and near-infrared with silicon microdischarge devices," Applied Physics Letters, Vol. 81, No. 24, pp. 4529-4531, December 9, 2002.
	Park, et al., : Arrays of silicon micro discharge devices with multicomponent dielectrics," Optics Letters, Vol. 26, No. 22, pp. 1773-1775, November 15, 2001.
	Le Phillips, J.B. et al., "Thermal Modulation: A Chemical Instrumentation Component of Potential Value in Improving Portability," Field Analytical Chemistry and Technology, 1(1): 23-29, 1996.
	Quimby, et al., "Evaluation of a Microwave Cavity, Discharge Tube, and Gas Flow System of Combined Aas Chromatography - Atomic Emission Detection," Analytical Chemistry, Vol. 62, No. 10, pp. 1027-1034, May 15, 1990.
1.	⁷ Stevenson, Robert, "Wintergreen '97," The World of Separation Science, The 19th International Symposium on Capillary Chromatography and Electrophoresis, 11 pages.
	Toker et al., "Design and development of a fiber optic TDI CCD-based slot-scan digital mammography system," X-ray Detector Physics and Applications II, Proceedings SPIE-The International Society for Optical Engineering, vol. 2009 (July 13-14, 1993) pp.246-252.
	Whitman et al., "Double-Injection FIA Using First-Order Calibration for Multicomponent Analysis," Analytical Chemistry 63 (1991) pp.775-781.
V	
EXAMINE	DATE CONSIDERED: 8/04/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.